

217/782-2113

"REVISED"
TITLE V - CLEAN AIR ACT PERMIT PROGRAM (CAAPP) PERMIT
and
TITLE I PERMIT¹

PERMITTEE

Engineered Polymer Solutions, Inc. d/b/a Valspar Coatings
Attn: Julius A. Meyer
901 North Greenwood
Kankakee, Illinois 60901

<u>Application No.:</u> 99010022	<u>I.D. No.:</u> 091055ABM
<u>Applicant's Designation:</u>	<u>Date Received:</u> January 11, 1999
<u>Operation of:</u> Resin and Paint Manufacturing	
<u>Date Issued:</u> June 21, 2002	<u>Expiration Date</u> ² : June 21, 2007
<u>Source Location:</u> 901 North Greenwood, Kankakee, Kankakee, Illinois 60901	
<u>Responsible Official:</u> Rolf Engh/Secretary of EPS	

This permit is hereby granted to the above-designated Permittee to operate a, resin and paint manufacturing plant pursuant to the above referenced permit application. This permit is subject to the conditions contained herein.

Revision Date Received: June 2, 2003
Revision Date Issued: March 12, 2004
Purpose of Revision: Administrative Amendment

This administrative amendment adds an 18,000 gal. storage tank to the facility. The tank is used to store a glycol/water mixture, and is therefore an insignificant activity. Because the changes in the permit were only administrative, no formal public notice was issued.

This document only contains those portions of the entire CAAPP permit that have been revised as a result of this permitting action. If a conflict exists between this document and previous versions of the CAAPP permit, this document supersedes those terms and conditions of the permit for which the conflict exists. The previous permit issued June 21, 2002 is incorporated herein by reference.

Please attach a copy of this amendment and the following revised pages to the front of the most recently issued entire permit.

If you have any questions concerning this permit, please contact Jack Yates at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:JMY:psj

cc: Illinois EPA, FOS, Region 1
USEPA

¹ This permit may contain terms and conditions which address the applicability, and compliance if determined applicable, of Title I of the CAA and regulations promulgated thereunder, including 40 CFR 52.21 - federal PSD and 35 IAC Part 203 - Major Stationary

FINAL DRAFT/PROPOSED CAAPP PERMIT
Engineered Polymer Solutions, Inc. d/b/a Valspar Coatings
I.D. No.: 091055ABM
Application No.: 99010022
March 13, 2002

Sources Construction and Modification. Any such terms and conditions are identified within this permit.

²

Except as provided in Condition 8.7 of this permit.

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1.0 SOURCE IDENTIFICATION

1.1 Source

Engineered Polymer Solutions, Inc. d/b/a Valspar Coatings
901 North Greenwood Avenue
Kankakee, Illinois 60901
815/936-7745

I.D. No.: 091055ABM
Standard Industrial Classification: 2851, Resin and Paint
Production

1.2 Owner/Parent Company

Engineered Polymer Solutions, Inc.
901 North Greenwood Avenue
Kankakee, Illinois 60901

1.3 Operator

Engineered Polymer Solutions, Inc. d/b/a Valspar Coatings
901 North Greenwood Avenue
Kankakee, Illinois 60901

Denise M. Fussy/Environmental Systems Engineer
612/375-7752

1.4 General Source Description

Engineered Polymer Solutions, d/b/a Valspar Coatings is located at 901 North Greenwood Avenue, Kankakee, Illinois. The source manufactures resins in one building, and manufactures industrial coatings in three buildings. In addition, resins produced at this location are used on site in the production of industrial coatings and shipped off site.

2.0 LIST OF ABBREVIATIONS/ACRONYMS USED IN THIS PERMIT

ACMA	Alternative Compliance Market Account
Act	Illinois Environmental Protection Act [415 ILCS 5/1 et seq.]
AP-42	Compilation of Air Pollutant Emission Factors, Volume 1, Stationary Point and Other Sources (and Supplements A through F), USEPA, Office of Air Quality Planning and Standards, Research Triangle Park, NC 27711
ATU	Allotment Trading Unit
BAT	Best Available Technology
Btu	British thermal unit
CAA	Clean Air Act [42 U.S.C. Section 7401 et seq.]
CAAPP	Clean Air Act Permit Program
CAM	Compliance Assurance Monitoring
CFR	Code of Federal Regulations
ERMS	Emissions Reduction Market System
HAP	Hazardous Air Pollutant
hr	hour
IAC	Illinois Administrative Code
I.D. No.	Identification Number of Source, assigned by Illinois EPA
ILCS	Illinois Compiled Statutes
Illinois EPA	Illinois Environmental Protection Agency
kW	kilowatts
LAER	Lowest Achievable Emission Rate
lb	pound
MACT	Maximum Achievable Control Technology
mmBtu	Million British thermal units
NESHAP	National Emission Standards for Hazardous Air Pollutants
NO _x	Nitrogen Oxides
NSPS	New Source Performance Standards
PM	Particulate Matter
PM ₁₀	Particulate matter with an aerodynamic diameter less than or equal to a nominal 10 microns as measured by applicable test or monitoring methods
ppm	parts per million
PSD	Prevention of Significant Deterioration
RMP	Risk Management Plan
SO ₂	Sulfur Dioxide
T1	Title I - identifies Title I conditions that have been carried over from an existing permit
T1N	Title I New - identifies Title I conditions that are being established in this permit
T1R	Title I Revised - identifies Title I conditions that have been carried over from an existing permit and subsequently revised in this permit
USEPA	United States Environmental Protection Agency
VOM	Volatile Organic Material

3.0 INSIGNIFICANT ACTIVITIES

3.1 Identification of Insignificant Activities

The following activities at the source constitute insignificant activities as specified in 35 IAC 201.210:

- 3.1.1 Activities determined by the Illinois EPA to be insignificant activities, pursuant to 35 IAC 201.210(a) (1) and 201.211, as follows:

1 Glycol/Water Mixture Storage Tank, 18,000 gal capacity

- 3.1.2 Activities that are insignificant activities based upon maximum emissions, pursuant to 35 IAC 201.210(a) (2) or (a) (3), as follows:

Waste Water Settling Tank
Waste Water Sump
Maintenance Arc Welder

- 3.1.3 Activities that are insignificant activities based upon their type or character, pursuant to 35 IAC 201.210(a) (4) through (18), as follows:

Direct combustion units designed and used for comfort heating purposes and fuel combustion emission units as follows: (A) Units with a rated heat input capacity of less than 2.5 mmBtu/hr that fire only natural gas, propane, or liquefied petroleum gas; (B) Units with a rated heat input capacity of less than 1.0 mmBtu/hr that fire only oil or oil in combination with only natural gas, propane, or liquefied petroleum gas; and (C) Units with a rated heat input capacity of less than 200,000 Btu/hr which never burn refuse, or treated or chemically contaminated wood [35 IAC 201.210(a) (4)].

Equipment used for filling drums, pails, or other packaging containers, excluding aerosol cans, with soaps, detergents, surfactants, lubricating oils, waxes, vegetable oils, greases, animal fats, glycerin, sweeteners, corn syrup, aqueous salt solutions, or aqueous caustic solutions [35 IAC 201.210(a) (8)].

Equipment used for the mixing and blending of materials at ambient temperature to make water based adhesives, provided each material mixed or blended contains less than 5% organic solvent by weight [35 IAC 201.210(a) (9)].

Storage tanks of organic liquids with a capacity of less than 10,000 gallons and an annual throughput of less than 100,000 gallons per year, provided the storage tank is not used for the storage of gasoline or any material listed as a HAP pursuant to Section 112(b) of the CAA [35 IAC 201.210(a)(10)].

Storage tanks of any size containing virgin or re-refined distillate oil, hydrocarbon condensate from natural gas pipeline or storage systems, lubricating oil, or residual fuel oils [35 IAC 201.210(a)(11)].

Storage tanks of any size containing exclusively soaps, detergents, surfactants, glycerin, waxes, vegetable oils, greases, animal fats, sweeteners, corn syrup, aqueous salt solutions, or aqueous caustic solutions, provided an organic solvent has not been mixed with such materials [35 IAC 201.210(a)(17)].

Loading and unloading systems for railcars, tank trucks, or watercraft that handle only the following liquid materials, provided an organic solvent has not been mixed with such materials: soaps, detergents, surfactants, lubricating oils, waxes, glycerin, vegetable oils, greases, animal fats, sweetener, corn syrup, aqueous salt solutions, or aqueous caustic solutions [35 IAC 201.210(a)(18)].

3.1.4 Activities that are considered insignificant activities pursuant to 35 IAC 201.210(b).

3.2 Compliance with Applicable Requirements

Insignificant activities are subject to applicable requirements notwithstanding status as insignificant activities. In particular, in addition to regulations of general applicability, such as 35 IAC 212.301 and 212.123 (Condition 5.2.2), the Permittee shall comply with the following requirements, as applicable:

3.2.1 For each cold cleaning degreaser, the Permittee shall comply with the applicable equipment and operating requirements of 35 IAC 215.182, 218.182, or 219.182.

3.2.2 For each particulate matter process emission unit, the Permittee shall comply with the applicable particulate matter emission limit of 35 IAC 212.321 or 212.322. For example, the particulate matter emissions from a process emission unit shall not exceed 0.55 pounds per hour if the emission unit's process weight rate is 100 pounds per hour or less, pursuant to 35 IAC 266.110.

3.2.3 For each organic material emission unit that uses organic material, e.g., a mixer or printing line, the Permittee shall comply with the applicable VOM emission limit of 35 IAC 215.301, 218.301, or 219.301, which requires that organic material emissions not exceed 8.0 pounds per hour or do not qualify as photochemically reactive material as defined in 35 IAC 211.4690.

3.3 Addition of Insignificant Activities

3.3.1 The Permittee is not required to notify the Illinois EPA of additional insignificant activities present at the source of a type that is identified in Condition 3.1, until the renewal application for this permit is submitted, pursuant to 35 IAC 201.212(a).

3.3.2 The Permittee must notify the Illinois EPA of any proposed addition of a new insignificant activity of a type addressed by 35 IAC 201.210(a) and 201.211 other than those identified in Condition 3.1, pursuant to Section 39.5(12)(b) of the Act.

3.3.3 The Permittee is not required to notify the Illinois EPA of additional insignificant activities present at the source of a type identified in 35 IAC 201.210(b).

4.0 SIGNIFICANT EMISSION UNITS AT THIS SOURCE

Paint Manufacturing Equipment with Dust Collectors (DC-1, DC-2, and DC-3)

Emission Unit	Description	Date Constructed	Emission Control Equipment
1	Filling Unit	1998	DC-1, DC-2, DC-3
2	Filling Unit	1998	DC-1, DC-2, DC-3
3	Filling Unit	1998	DC-1, DC-2, DC-3
4	Filling Unit	1999	DC-1, DC-2, DC-3
5	Filling Unit	1999	DC-1, DC-2, DC-3
6	Filling Unit	1999	DC-1, DC-2, DC-3
7	Filling Unit	1999	DC-1, DC-2, DC-3
8	Filling Unit	1999	DC-1, DC-2, DC-3
9	Filling Unit	1999	DC-1, DC-2, DC-3
Cuno #1	Filling Unit	Pre-1972	DC-1, DC-2, DC-3
Cuno #2	Filling Unit	Pre-1972	DC-1, DC-2, DC-3
RP Filter Unit	Stationary Filling Unit	1997	DC-1, DC-2, DC-3
sm. Batch fill unit	Filling Unit	Pre-1972	DC-1, DC-2, DC-3
Scale filling unit	Stationary Filling Unit	Pre-1972	DC-1, DC-2, DC-3
B-1	Media Mill	1997	DC-1, DC-2, DC-3
N-2	Media Mill	1991	DC-1, DC-2, DC-3
N-3	Media Mill	1991	DC-1, DC-2, DC-3
N-4	Media Mill	1995	DC-1, DC-2, DC-3
N-5	Media Mill	1993	DC-1, DC-2, DC-3
N-6	Media Mill	1993	DC-1, DC-2, DC-3
N-7	Media Mill	1994	DC-1, DC-2, DC-3
N-8	Media Mill	1994	DC-1, DC-2, DC-3
NP-1	Media Mill	1993	DC-1, DC-2, DC-3
SBN-1	Media Mill	1991	DC-1, DC-2, DC-3
SBN-2	Media Mill	1992	DC-1, DC-2, DC-3
S-1	Small sand mill	Pre-1972	DC-1, DC-2, DC-3
S-2	Small sand mill	Pre-1972	DC-1, DC-2, DC-3
Ball Mill	Ball Mill 30hp	Pre-1972	DC-1, DC-2, DC-3
NE	Cluster Mixing Tanks	Pre-1972	DC-1, DC-2, DC-3
SE	Cluster Mixing Tanks	Pre-1972	DC-1, DC-2, DC-3
NW	Cluster Mixing Tanks	Pre-1972	DC-1, DC-2, DC-3
SW	Cluster Mixing Tanks	Pre-1972	DC-1, DC-2, DC-3
3-2-11	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
3-2-4	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
3-2-5	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
3-2-6	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
3-2-7	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3

Emission Unit	Description	Date Constructed	Emission Control Equipment
10-2-1	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
10-2-2	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
10-2-3	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
10-2-4	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
10-2-5	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
10-2-6	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
10-2-7	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
10-3-4	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
10-3-5	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
10-3-6	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
10-3-7	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
3-1-1	Hydraulic Mixer for portable tanks	1996	DC-1, DC-2, DC-3
3-1-2	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
3-1-3	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
Tank #41	High Speed Dispersion Mixer - fixed tank	Pre-1972	DC-1, DC-2, DC-3
Tank #42	High Speed Dispersion Mixer - fixed tank	Pre-1972	DC-1, DC-2, DC-3
Tank #50	Low Speed Dispersion Mixer - fixed tank	Pre-1972	DC-1, DC-2, DC-3
Tank #51	Low Speed Dispersion Mixer - fixed tank	Pre-1972	DC-1, DC-2, DC-3
Tank #52	Low Speed Dispersion Mixer - fixed tank	Pre-1972	DC-1, DC-2, DC-3
Tank #53	Low Speed Dispersion Mixer - fixed tank	Pre-1972	DC-1, DC-2, DC-3
Tank #54	Low Speed Dispersion Mixer - fixed tank	Pre-1972	DC-1, DC-2, DC-3
Tank #55	Low Speed Dispersion Mixer - fixed tank	Pre-1972	DC-1, DC-2, DC-3
Tank #56	Low Speed Dispersion Mixer - fixed tank	Pre-1972	DC-1, DC-2, DC-3
Tank #57	Low Speed Dispersion Mixer - fixed tank	Pre-1972	DC-1, DC-2, DC-3
10-1-1	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3

Emission Unit	Description	Date Constructed	Emission Control Equipment
10-2-8	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
10-3-1	Hydraulic Mixer for portable tanks	1996	DC-1, DC-2, DC-3
10-3-2	Hydraulic Mixer for portable tanks	1996	DC-1, DC-2, DC-3
10-3-3	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
2-3-7	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
3-2-1	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
3-2-10	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
3-2-12	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
3-2-13	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
3-2-14	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
3-2-15	10 hp Hyd. Mixer	1996	DC-1, DC-2, DC-3
3-2-16	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
3-2-2	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
3-2-3	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
3-2-8	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
3-2-9	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
3-3-1	Hydraulic Mixer for portable tanks	Pre-1972	DC-1, DC-2, DC-3
Still	Solvent reclaim unit	Pre-1972	DC-1, DC-2, DC-3
C-10	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
D-12	Thin tank with agitator	2000	DC-1, DC-2, DC-3
D-7	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
P-11	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
D-1	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
D-2	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
D-3	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
D-4	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #100	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #101	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #102	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #103	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #104	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #105	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #106	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #107	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3

Emission Unit	Description	Date Constructed	Emission Control Equipment
Tank #108	Thin tank with agitator	2001	DC-1, DC-2, DC-3
Tank #109	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #110	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #111	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #112	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #113	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #114	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #115	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #116	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #117	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #118	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #119	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #120	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #121	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #122	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #123	Thin tank with agitator	1994	DC-1, DC-2, DC-3
Tank #124	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #125	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #126	Thin tank with agitator	1995	DC-1, DC-2, DC-3
Tank #127	Thin tank with agitator	1994	DC-1, DC-2, DC-3
Tank #128	Thin tank with agitator	1996	DC-1, DC-2, DC-3
Tank #129	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #130	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #131	Thin tank with agitator	1994	DC-1, DC-2, DC-3
Tank #132	Thin tank with agitator	1995	DC-1, DC-2, DC-3
Tank #133	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #134	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #135	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #136	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #137	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #138	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #139	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #140	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #141	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #150	Thin tank with agitator	2001	DC-1, DC-2, DC-3
Tank #208	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #209	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #210	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #211	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #212	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #213	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #214	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #215	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #216	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #217	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #218	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #219	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #220	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #221	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3

Emission Unit	Description	Date Constructed	Emission Control Equipment
Tank #231	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #241	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #242	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #250	Thin tank with agitator	1995	DC-1, DC-2, DC-3
10b North	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
10b South	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #32	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3
Tank #33	Thin tank with agitator	Pre-1972	DC-1, DC-2, DC-3

Resin Manufacturing Equipment with Scrubbers (K1-6 and K-7) and Dust Collector (DC-4)

Emission Unit	Description	Date Constructed	Emission Control Equipment
K-1	1500 Gallon High Temperature Reactor	Pre-1972	K1-6, DC-4
K-2	1500 Gallon High Temperature Reactor	Pre-1972	K1-6, DC-4
K-3	3000 Gallon Low Temperature Reactor	Pre-1972	K1-6, DC-4
K-4	1650 Gallon Low Temperature Reactor	Pre-1972	K1-6, DC-4
K-5	3000 Gallon High Temperature Reactor	1972	K1-6, DC-4
K-7	5000 Gallon High Temperature Reactor	1989	K-7, DC-4
WT-1	770 Gallon Weigh Tank for K-1	Pre-1972	K1-6, K-7, DC-4
WT-2	280 Gallon Weigh Tank for K-2	Pre-1972	K1-6, K-7, DC-4
WT-3	1350 Gallon Weigh Tank for K-3	Pre-1972	K1-6, K-7, DC-4
WT-4	1000 Gallon Weigh Tank for K-4	Pre-1972	K1-6, K-7, DC-4
WT-5	1400 Gallon Weigh Tank for K-5	1972	K1-6, K-7, DC-4
WT-7	3000 Gallon Weigh Tank for K-7	1989	K1-6, K-7, DC-4
TD-1	3000 Gallon Thin Tank for K-1	Pre-1972	K1-6, K-7, DC-4
TD-2	3000 Gallon Thin Tank for K-2	Pre-1972	K1-6, K-7, DC-4
TD-4	5500 Gallon Thin Tank for K-4	Pre-1972	K1-6, K-7, DC-4
TD-5	5500 Gallon Thin Tank for K-5	1972	K1-6, K-7, DC-4
TD-7	11,000 Gallon Thin Tank for K-7	1989	K1-6, K-7, DC-4
CD-1A	Condenser for K-1	Pre-1972	K1-6, K-7, DC-4
CD-2A	Condenser for K-2	Pre-1972	K1-6, K-7, DC-4
CD-4	Condenser for K-4	Pre-1972	K1-6, K-7, DC-4
CD-5A	Condenser for K-5	1972	K1-6, K-7, DC-4
CD-7A	Condenser for K-7	1989	K1-6, K-7, DC-4
CD-1B	Condenser for TD-1	Pre-1972	K1-6, K-7, DC-4
CD-2B	Condenser for TD-2	Pre-1972	K1-6, K-7, DC-4
CD-5B	Condenser for TD-5	1981	K1-6, K-7, DC-4
CD-7B	Condenser for TD-7	1989	K1-6, K-7, DC-4

Storage Tanks

Emission Unit	Description	Date Constructed	Emission Control Equipment
T-801	4200 Gallon Storage Tank	Pre-1972	None
T-802	4200 Gallon Storage Tank	Pre-1972	None
T-803	4200 Gallon Storage Tank	Pre-1972	None
T-804	4200 Gallon Storage Tank	Pre-1972	None
T-805	4200 Gallon Storage Tank	Pre-1972	None
T-806	4200 Gallon Storage Tank	Pre-1972	None
T-807	4200 Gallon Storage Tank	Pre-1972	None
T-808	4200 Gallon Storage Tank	Pre-1972	None
T-809	4200 Gallon Storage Tank	Pre-1972	None
T-810	4200 Gallon Storage Tank	Pre-1972	None
T-811	4200 Gallon Storage Tank	Pre-1972	None
T-812A	2100 Gallon Storage Tank	Pre-1972	None
T-812B	2100 Gallon Storage Tank	Pre-1972	None
T-813A	2100 Gallon Storage Tank	Pre-1972	None
T-813B	2100 Gallon Storage Tank	Pre-1972	None
T-814	4200 Gallon Storage Tank	Pre-1972	None
T-815	4200 Gallon Storage Tank	Pre-1972	None
T-816A	2100 Gallon Storage Tank	Pre-1972	None
T-816B	2100 Gallon Storage Tank	Pre-1972	None
T-817A	2100 Gallon Storage Tank	Pre-1972	None
T-817B	2100 Gallon Storage Tank	Pre-1972	None
T-818A	2100 Gallon Storage Tank	Pre-1972	None
T-818B	2100 Gallon Storage Tank	Pre-1972	None
T-819A	2100 Gallon Storage Tank	Pre-1972	None
T-819B	2100 Gallon Storage Tank	Pre-1972	None
T-820A	2100 Gallon Storage Tank	Pre-1972	None
T-820B	2100 Gallon Storage Tank	Pre-1972	None
T-821A	2100 Gallon Storage Tank	Pre-1972	None
T-821B	2100 Gallon Storage Tank	Pre-1972	None
T-822A	2100 Gallon Storage Tank	Pre-1972	None
T-822B	2100 Gallon Storage Tank	Pre-1972	None
T-823A	2100 Gallon Storage Tank	Pre-1972	None
T-823B	2100 Gallon Storage Tank	Pre-1972	None
T-824	4200 Gallon Storage Tank	Pre-1972	None
T-825	4200 Gallon Storage Tank	Pre-1972	None
T-826	4200 Gallon Storage Tank	Pre-1972	None
T-826	4200 Gallon Storage Tank	Pre-1972	None
T-827	4200 Gallon Storage Tank	Pre-1972	None
T-828	4200 Gallon Storage Tank	Pre-1972	None
T-829	4200 Gallon Storage Tank	Pre-1972	None
T-830	4200 Gallon Storage Tank	Pre-1972	None
T-831	4200 Gallon Storage Tank	Pre-1972	None
T-832	4200 Gallon Storage Tank	Pre-1972	None
T-833	4200 Gallon Storage Tank	Pre-1972	None
T-834	4200 Gallon Storage Tank	Pre-1972	None
T-835	4200 Gallon Storage Tank	Pre-1972	None
T-836	4200 Gallon Storage Tank	Pre-1972	None

Emission Unit	Description	Date Constructed	Emission Control Equipment
T-837	4200 Gallon Storage Tank	Pre-1972	None
T-838	4200 Gallon Storage Tank	Pre-1972	None
T-839	4200 Gallon Storage Tank	Pre-1972	None
T-840	4200 Gallon Storage Tank	Pre-1972	None
T-841	4200 Gallon Storage Tank	Pre-1972	None
T-842	4200 Gallon Storage Tank	Pre-1972	None
T-843	4200 Gallon Storage Tank	Pre-1972	None
T-844	4200 Gallon Storage Tank	Pre-1972	None
T-845	4200 Gallon Storage Tank	Pre-1972	None
T-846	4200 Gallon Storage Tank	Pre-1972	None
T-847	4200 Gallon Storage Tank	Pre-1972	None
T-848	4200 Gallon Storage Tank	Pre-1972	None
T-849	4200 Gallon Storage Tank	Pre-1972	None
T-850	4200 Gallon Storage Tank	Pre-1972	None
T-851	5600 Gallon Storage Tank	Pre-1972	None
T-852	6200 Gallon Storage Tank	Pre-1972	None
T-853	6200 Gallon Storage Tank	Pre-1972	None
T-854	6200 Gallon Storage Tank	Pre-1972	None
T-855	6200 Gallon Storage Tank	Pre-1972	None
T-856	6200 Gallon Storage Tank	Pre-1972	None
T-857	6200 Gallon Storage Tank	Pre-1972	None
T-858	6200 Gallon Storage Tank	Pre-1972	None
T-859	6200 Gallon Storage Tank	Pre-1972	None
T-860	6200 Gallon Storage Tank	Pre-1972	None
T-861	6200 Gallon Storage Tank	Pre-1972	None
T-862	6200 Gallon Storage Tank	Pre-1972	None
T-863	6200 Gallon Storage Tank	Pre-1972	None
T-864	6200 Gallon Storage Tank	Pre-1972	None
T-865	6200 Gallon Storage Tank	Pre-1972	None
T-865	6200 Gallon Storage Tank	Pre-1972	None
T-867	6200 Gallon Storage Tank	Pre-1972	None
T-868	6200 Gallon Storage Tank	Pre-1972	None
T-869	6200 Gallon Storage Tank	Pre-1972	None
T-870	6200 Gallon Storage Tank	Pre-1972	None
T-871	6200 Gallon Storage Tank	Pre-1972	None
T-872	6200 Gallon Storage Tank	Pre-1972	None
T-873	6200 Gallon Storage Tank	Pre-1972	None
T-874	6200 Gallon Storage Tank	Pre-1972	None
T-875	6200 Gallon Storage Tank	Pre-1972	None
T-876	6200 Gallon Storage Tank	Pre-1972	None
T-877	6200 Gallon Storage Tank	Pre-1972	None
T-885	5800 Gallon Storage Tank	Pre-1972	None
T-901	23300 Gallon Storage Tank	Pre-1972	None
T-902	23300 Gallon Storage Tank	Pre-1972	None
T-903	23300 Gallon Storage Tank	Pre-1972	None
T-904	23300 Gallon Storage Tank	Pre-1972	None
T-905	13000 Gallon Storage Tank	Pre-1972	None
T-906	23300 Gallon Storage Tank	Pre-1972	None
T-907	8500 Gallon Storage Tank	Pre-1972	None

Emission Unit	Description	Date Constructed	Emission Control Equipment
T-908	8500 Gallon Storage Tank	Pre-1972	None
T-909	8500 Gallon Storage Tank	Pre-1972	None
T-909	8500 Gallon Storage Tank	Pre-1972	None
T-910	8500 Gallon Storage Tank	Pre-1972	None
T-911	8500 Gallon Storage Tank	Pre-1972	None
T-912	8500 Gallon Storage Tank	Pre-1972	None
T-913	8500 Gallon Storage Tank	Pre-1972	None
T-914	8500 Gallon Storage Tank	Pre-1972	None
T-915	8500 Gallon Storage Tank	Pre-1972	None
T-916	7200 Gallon Storage Tank	Pre-1972	None
T-917	7200 Gallon Storage Tank	Pre-1972	None
T-918	8500 Gallon Storage Tank	Pre-1972	None
T-920	23000 Gallon Storage Tank	Pre-1972	None
T-921	13000 Gallon Storage Tank	Pre-1972	None
T-922	13000 Gallon Storage Tank	Pre-1972	None
T-926	16000 Gallon Storage Tank	Pre-1972	None
T-927	30000 Gallon Storage Tank	Pre-1972	None
T-928	20000 Gallon Storage Tank	Pre-1972	None
T-929	13000 Gallon Storage Tank	Pre-1972	None
T-930	13000 Gallon Storage Tank	Pre-1972	None
T-931	10000 Gallon Storage Tank	Pre-1972	None
T-932	10000 Gallon Storage Tank	Pre-1972	None
T-933	10000 Gallon Storage Tank	Pre-1972	None
T-934	10000 Gallon Storage Tank	Pre-1972	None
T-935	10000 Gallon Storage Tank	Pre-1972	None
T-936	10000 Gallon Storage Tank	Pre-1972	None
T-937A	5000 Gallon Storage Tank	Pre-1972	None
T-937B	5000 Gallon Storage Tank	Pre-1972	None
T-941	6000 Gallon Storage Tank	Pre-1972	None
T-942	6000 Gallon Storage Tank	Pre-1972	None
T-943	6000 Gallon Storage Tank	Pre-1972	None

Natural Gas Combustion Units

Emission Unit	Description	Date Constructed	Emission Control Equipment
Boiler 1	Natural Gas Fired Boiler	1990	None
Boiler 2	Natural Gas Fired Boiler	Pre-1972	None
Boiler 3	Natural Gas Fired Boiler	Pre-1972	None

5.0 OVERALL SOURCE CONDITIONS

5.1 Source Description

- 5.1.1 This permit is issued based on the source requiring a CAAPP permit as a major source of VOM emissions.
- 5.1.2 This permit is issued based on the source not being a major source of HAPs.

5.2 Applicable Regulations

- 5.2.1 Specific emission units at this source are subject to particular regulations as set forth in Section 7 (Unit-Specific Conditions) of this permit.
- 5.2.2 In addition, emission units at this source are subject to the following regulations of general applicability:
 - a. No person shall cause or allow the emission of fugitive particulate matter from any process, including any material handling or storage activity, that is visible by an observer looking generally overhead at a point beyond the property line of the source unless the wind speed is greater than 40.2 kilometers per hour (25 miles per hour), pursuant to 35 IAC 212.301 and 212.314.

Compliance with this requirement is considered to be assured by the inherent nature of operations at this source, as demonstrated by historical operation.

- b. No person shall cause or allow the emission of smoke or other particulate matter, with an opacity greater than 30 percent, into the atmosphere from any emission unit other than those emission units subject to the requirements of 35 IAC 212.122, pursuant to 35 IAC 212.123(a), except as allowed by 35 IAC 212.123(b) and 212.124.
- 5.2.3 Ozone Depleting Substances

The Permittee shall comply with the standards for recycling and emissions reduction of ozone depleting substances pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners in Subpart B of 40 CFR Part 82:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.
 - b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with

the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.

- c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

5.2.4 Risk Management Plan

- a. This stationary source, as defined in 40 CFR Section 68.3, is subject to 40 CFR Part 68, the Accidental Release Prevention regulations [40 CFR 68.215(a)(1)].
- b. The owner or operator of a stationary source shall revise and update the RMP submitted, as specified in 40 CFR 68.190.

- 5.2.5
 - a. Should this stationary source become subject to a regulation under 40 CFR Parts 60, 61, or 63, or 35 IAC after the date issued of this permit, then the owner or operator shall, in accordance with the applicable regulation(s), comply with the applicable requirements by the date(s) specified and shall certify compliance with the applicable requirements of such regulation(s) as part of the annual compliance certification, as required by 40 CFR Part 70 or 71.
 - b. No later than upon the submittal for renewal of this permit, the owner or operator shall submit, as part of an application, the necessary information to address either the non-applicability of, or demonstrate compliance with all applicable requirements of any potentially applicable regulation which was promulgated after the date issued of this permit.
 - c. This stationary source could be subject to 40 CFR 63 Subpart FFFF, Misc. Organic Chemical Production and Processes, when such rule becomes final and effective. The Permittee shall comply, if subject to 40 CFR 63 Subpart FFFF, with the applicable requirements of such regulation by the date(s) specified in such regulation and shall certify compliance with the applicable requirements of such regulation as part of the annual compliance certification required by 40 CFR Part 70 or 71 beginning in the year that compliance is required under a final and effective rule.

5.2.6 Episode Action Plan

- a. If the source is required to have an episode action plan pursuant to 35 IAC 244.142, the Permittee shall maintain at the source and have on file with the Illinois EPA a written episode action plan (plan) for reducing the levels of emissions during yellow alerts, red alerts, and emergencies, consistent with safe operating procedures. The plan shall contain the information specified in 35 IAC 244.144.
- b. The Permittee shall immediately implement the appropriate steps described in this plan should an air pollution alert or emergency be declared.
- c. If a change occurs at the source which requires a revision of the plan (e.g., operational change, change in the source contact person), a copy of the revised plan shall be submitted to the Illinois EPA for review within 30 days of the change. Such plans shall be further revised if disapproved by the Illinois EPA.
- d. For sources required to have a plan pursuant to 35 IAC 244.142, a copy of the original plan and any subsequent revisions shall be sent to:
 - i. Illinois EPA, Compliance Section; and
 - ii. For sources located in Cook County and outside of the city of Chicago: Cook County Department of Environmental Control; or
 - iii. For sources located within the city of Chicago: Chicago Department of Environmental Control.

5.3 Non-Applicability of Regulations of Concern

- 5.3.1 This permit is issued based on the source not being subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources, because the source does not have a pollutant-specific emissions unit that has potential emissions or potential pre-control device emissions of the applicable regulated air pollutant that equals or exceeds major source threshold levels.

5.4 Source-Wide Operational and Production Limits and Work Practices

In addition to the source-wide requirements in the Standard Permit Conditions in Section 9, the Permittee shall fulfill the following source-wide operational and production limitations and/or work practice requirements:

None

5.5 Source-Wide Emission Limitations

5.5.1 Permitted Emissions for Fees

The annual emissions from the source, not considering insignificant activities as addressed by Section 3.0 of this permit, shall not exceed the following limitations. The overall source emissions shall be determined by adding emissions from all emission units. Compliance with these limits shall be determined on a calendar year basis. These limitations (Condition 5.5.1) are set for the purpose of establishing fees and are not federally enforceable.

Permitted Emissions of Regulated Pollutants

Pollutant	Tons/Year
Volatile Organic Material (VOM)	120.0
Sulfur Dioxide (SO ₂)	1.0
Particulate Matter (PM)	13.0
Nitrogen Oxides (NO _x)	16.0
HAP, not included in VOM or PM	---
TOTAL	150.0

5.5.2 Emissions of Hazardous Air Pollutants

The emissions of HAPs from the source shall be less than 10 tons/year for each individual HAP and 25 tons/year for all HAPs combined. Compliance with these limits shall be based on a running total of 12 months of data, with emissions calculated using standard USEPA methodology, e.g., by appropriately summing the product of the weight percent of each HAP in the organic material emissions for each organic liquid and the organic material emissions attributable to the storage and handling of that liquid, as determined by the current version of the TANKS program.

This condition is being imposed at the request of the Permittee so that the source is not a major source of HAP emissions.

5.5.3 Other Source-Wide Emission Limitations

The annual emissions from the source shall not exceed the following limitations:

Pollutant	Emissions (Tons/Year)	Underlying Rules
VOM	245.0	40 CFR 52.21

The above limitations contain revisions to previously issued Permit 72100330. The source has requested that the Illinois EPA establish conditions in this permit that allow various refinements from the conditions of this aforementioned permit, consistent with the information provided in the CAAPP application. The source has requested these revisions and has addressed the applicability and compliance of Title I of the CAA, specifically 35 IAC Part 203, Major Stationary Sources Construction and Modification and/or 40 CFR 52.21, Prevention of Significant Deterioration (PSD). These limits continue to ensure that the construction and/or modification addressed in this permit does not constitute a new major source or major modification pursuant to these rules. These limits are the primary enforcement mechanism for the equipment and activities permitted in this permit and the information in the CAAPP application contains the most current and accurate information for the source. [T1R].

Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total).

5.6 General Recordkeeping Requirements

5.6.1 Emission Records

The Permittee shall maintain records of the following items for the source to demonstrate compliance with Condition 5.5.1, pursuant to Section 39.5(7)(b) of the Act:

Total annual emissions on a calendar year basis for the emission units covered by Section 7 (Unit Specific Conditions) of this permit.

5.6.2 Records for HAP Emissions

a. Emissions of HAPs, ton/mo and ton/yr.

5.6.3 Records for Operating Scenarios

N/A

5.6.4 Retention and Availability of Records

a. All records and logs required by this permit shall be retained for at least five years from the date of entry (unless a longer retention period is specified by the particular recordkeeping provision herein), shall be kept at a location at the source that is readily accessible to the Illinois EPA or USEPA, and

shall be made available for inspection and copying by the Illinois EPA or USEPA upon request.

- b. The Permittee shall retrieve and print, on paper during normal source office hours, any records retained in an electronic format (e.g., computer) in response to an Illinois EPA or USEPA request for records during the course of a source inspection.

5.7 General Reporting Requirements

5.7.1 General Source-Wide Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section of deviations of the source with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken.

5.7.2 Annual Emissions Report

The annual emissions report required pursuant to Condition 9.7 shall contain emissions information for the previous calendar year.

5.7.3 Annual Reporting of HAP Emissions

The Permittee shall submit an annual report to the Illinois EPA, Compliance Section, on HAP emissions from the source, including the following information, so as to demonstrate whether the source is being operated as a non-major source of HAP emissions. This report shall be submitted with the Annual Emissions Report (Condition 9.7).

- a. The annual emissions of individual HAPs for each month of the previous calendar year sufficient to demonstrate compliance with the 12 month running total of Condition 5.5.2, tons/year (e.g., for the month of January, the emissions from February of the preceding calendar year through January; for the month of February, the emissions from March of the preceding calendar year through February; 12 months in all); and
- b. The total emissions of all HAPs combined for each month of the previous calendar year sufficient to demonstrate compliance with the 12 month running total of Condition 5.5.2, tons/year (e.g., for the month of January, the emissions from February of the preceding calendar year through January; for the month of February, the emissions from March of the

preceding calendar year through February; 12 months in all).

5.8 General Operational Flexibility/Anticipated Operating Scenarios

N/A

5.9 General Compliance Procedures

5.9.1 General Procedures for Calculating Emissions

Compliance with the source-wide emission limits specified in Condition 5.5 shall be based on the recordkeeping and reporting requirements of Conditions 5.6 and 5.7, and Compliance Procedures in Section 7 (Unit Specific Conditions) of this permit.

6.0 [NOT APPLICABLE TO THIS PERMIT]

7.0 UNIT SPECIFIC CONDITIONS

7.1 Paint Manufacturing

7.1.1 Description

In the paint manufacturing processes, solvent based paints are manufactured. Initial ingredients are added to either a pre-mix tank or a high speed dispersion tank. Large volume materials are added via closed piping systems from above ground storage tanks. Smaller quantity additives are poured into the process tanks. Paint is made of resin, pigments or powders, and a vehicle which is usually a solvent. First the vehicle and the resin are added to the process tank and mixed. Later the dry raw materials are added to the tank. The grinding process is performed by high speed dispersers, vertical sand mills, or enclosed horizontal sand mills. The batch is then placed in a thin down tank for final additions.

7.1.2 List of Emission Units and Air Pollution Control Equipment

Emission Unit	Description	Emission Control Equipment
14 Filling Units	Equipment for filling containers with paint	DC-1, DC-2, DC-3
11 Media Mills	Milling of paint containing solvent, pigment, resin and additives	DC-1, DC-2, DC-3
2 Sand Mills	Milling of paint containing solvent, pigment, resin and additives	DC-1, DC-2, DC-3
1 Ball Mill	Milling of paint containing solvent, pigment, resin and additives	DC-1, DC-2, DC-3
51 Stationary Mixers	Equipment for mixing paint	DC-1, DC-2, DC-3
73 Thin Tanks	Equipment for blending and thinning paint	DC-1, DC-2, DC-3
Distillation Unit	Equipment for reclaiming solvent	DC-1, DC-2, DC-3

7.1.3 Applicability Provisions and Applicable Regulations

- a. The "affected paint manufacturing equipment" for the purpose of these unit-specific conditions, are the process emission units described in Conditions 7.1.1 and 7.1.2.

- b. Each affected paint manufacturing equipment is subject to the emission limits identified in Condition 5.2.2.
- c. i. The affected paint manufacturing equipment constructed on or after April 14, 1972 is subject to 35 IAC 212.321, which provides that:

No person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any new process emission unit which, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates specified subsection (b) or (c) of 35 IAC 212.321 (see also Attachment 1) [35 IAC 212.321 (a)].

- ii. The affected paint manufacturing equipment constructed prior to April 14, 1972 is subject to 35 IAC 212.322, which provides that:

No person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any process emission unit for which construction or modification commenced prior to April 14, 1972, which, either alone or in combination with the emission of particulate matter from all other similar process emission at a source or premises, exceeds the allowable emission rates specified in subsection (c) of 35 IAC 212.322 (see also Attachment 2) [35 IAC 212.322(a)].

- d. No person shall cause or allow the discharge of more than 3.6 kg/hr (8 lb/hr) of organic material into the atmosphere from any emission unit, except as provided in Condition 7.1.3(c)(ii) (35 IAC 215.302) and the following exception: If no odor nuisance exists the limitation of 35 IAC 215 Subpart K shall apply only to photochemically reactive material [35 IAC 215.301].

7.1.4 Non-Applicability of Regulations of Concern

N/A

7.1.5 Operational and Production Limits and Work Practices

- a. i. The Permittee shall follow good operating practices and procedures for the dust collector, including periodic inspections, routine maintenance, and prompt repair of defects.
- ii. The Permittee shall maintain an adequate supply of replacement filters on the premises of the source.

7.1.6 Emission Limitations

There are no specific emission limitations for this unit, however, there are source wide emission limitations in Condition 5.5 that include this unit.

7.1.7 Testing Requirements

None

7.1.8 Monitoring Requirements

None

7.1.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for the affected paint manufacturing equipment to demonstrate compliance with Conditions 5.5, 7.1.3, and 7.1.5, pursuant to Section 39.5(7)(b) of the Act:

- a. The name and identification number of each type of VOM and/or HAP containing material used in the affected paint manufacturing equipment.
- b. The usage of each type of VOM containing material used in the affected paint manufacturing equipment, gallons/month and gallons/yr.
- c. The wt.% VOM content of each type of VOM containing material used in the affected paint manufacturing equipment.
- d. The wt.% HAP content of each type of VOM containing material used in the affected paint manufacturing equipment.
- e. The density of each type of VOM containing material used in the affected paint manufacturing equipment, lbs/gallon.

- f. The vapor pressure of each type of VOM containing material used in the affected paint manufacturing equipment.
- g. The vapor molecular weight of each type of VOM containing material used in the affected paint manufacturing equipment, lb/lb-mol.
- h. The emissions of VOM per batch, the emissions of each single HAP per batch, and the emissions of all HAPs combined per batch from each type of paint produced in the affected paint manufacturing equipment as calculated by the procedure described in Condition 7.1.12(b), lbs/batch.
- i. The number of batches of each type of paint produced in the affected paint manufacturing equipment, batches/mo and batches/yr.
- j. Total VOM emissions from the affected paint manufacturing equipment as determined by the procedures in Condition 7.1.12(b), tons/month and tons/year.
- k. Individual HAP emissions from the affected paint manufacturing equipment as determined by the procedures in Condition 7.1.12(b), tons/month and tons/year.
- l. Total combination of HAP emissions from the affected paint manufacturing equipment as determined by the procedures in Condition 7.1.12(b), tons/month and tons/year.
- m. Records addressing use of good operating practice for the associated baghouses required by Condition 7.1.5:

7.1.10 Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section, of deviations of the affected paint manufacturing equipment with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken:

- a. Emissions from or operation of the affected paint manufacturing equipment in excess of the limits specified in Conditions 7.1.3 and 7.1.5 within 30 days of such occurrence.

7.1.11 Operational Flexibility/Anticipated Operating Scenarios

The Permittee is authorized to make the following physical or operational change with respect to the affected paint manufacturing equipment without prior notification to the Illinois EPA or revision of this permit. This condition does not affect the Permittee's obligation to properly obtain a construction permit in a timely manner for any activity constituting construction or modification of the source, as defined in 35 IAC 201.102:

- a. Changes in the raw materials used and products produced provided the paint manufacturing equipment continues to comply with the Conditions of Section 7.1.
- b. Changes in equipment if they are done solely for the purposes of downsizing, general equipment maintenance, or improved process safety. These changes must not result in an increase in potential emissions of any regulated air pollutant.

7.1.12 Compliance Procedures

- a. Compliance with Condition 7.1.3(c) is considered to be assured by the normal work practices and maintenance activities inherent in operation of the affected paint manufacturing equipment.
- b. Compliance with the emission limits in Conditions 5.5 and 7.1.3(d) shall be based on the recordkeeping requirements in Condition 7.1.9 and the emission factors and formulas listed below:

For the purposes of these calculations, paints with similar ingredients and processing steps may be grouped together. For each grouping of paints, a per batch emission rate shall be calculated using the methods and practices presented in: Preferred and Alternative Methods for Estimating Air Emissions from Paint and Ink Manufacturing Facilities, Eastern Research Group, Inc., Prepared for the Point Source Committee, Emission Inventory Improvement Program, March 1998.

These methods and practices are based on engineering methods and fundamental vapor/liquid equilibrium relationships, including Raoult's law and Dalton's law, assuming ideal gas behavior, and accounting for batch recirculation.

7.2 Resin Manufacturing

7.2.1 Description

The resin production unit consists of a dry hopper and liquid weigh tanks which feed product to reactor tanks. The reacted product empties to a thinning tank where the product is adjusted to meet specifications. The finished product is then pumped to finished product storage tanks where it is stored until used on site in paint production, or loaded into tank trucks and/ or drums for offsite shipment.

7.2.2 List of Emission Units and Air Pollution Control Equipment

Emission Unit	Description	Emission Control Equipment
4 High Temperature Reactors	Reactors for making resins	K1-6, K-7, DC-4
2 Low Temperature Reactors	Reactors for making resins	K1-6, K-7, DC-4
6 Weigh Tanks	Weigh Tanks	K1-6, K-7, DC-4
5 Thin Tanks	Equipment used to thin resin to required viscosity	K1-6, K-7, DC-4
9 Condensers	Condenser	K1-6, K-7, DC-4

7.2.3 Applicability Provisions and Applicable Regulations

- a. The "affected resin manufacturing equipment" for the purpose of these unit-specific conditions, are the process emission units described in Conditions 7.2.1 and 7.2.2.
- b. Each affected resin manufacturing equipment is subject to the emission limits identified in Condition 5.2.2.
- c.
 - i. The affected resin manufacturing equipment constructed on or after April 14, 1972 is subject to 35 IAC 212.321, which provides that:

No person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any new process emission unit which, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates

specified subsection (b) or (c) of 35 IAC 212.321 (see also Attachment 1) [35 IAC 212.321 (a)].

- ii. The affected resin manufacturing equipment constructed prior to April 14, 1972 is subject to 35 IAC 212.322, which provides that:

No person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any process emission unit for which construction or modification commenced prior to April 14, 1972, which, either alone or in combination with the emission of particulate matter from all other similar process emission at a source or premises, exceeds the allowable emission rates specified in subsection (c) of 35 IAC 212.322 (see also Attachment 2) [35 IAC 212.322(a)].

- d. No person shall cause or allow the discharge of more than 3.6 kg/hr (8 lb/hr) of organic material into the atmosphere from any emission unit, except as provided in Condition 7.2.3(c)(ii) (35 IAC 215.302) and the following exception: If no odor nuisance exists the limitation of 35 IAC 215 Subpart K shall apply only to photochemically reactive material [35 IAC 215.301].

7.2.4 Non-Applicability of Regulations of Concern

N/A

7.2.5 Operational and Production Limits and Work Practices

- a.
 - i. The Permittee shall follow good operating practices and procedures for the dust collector, including periodic inspections, routine maintenance, and prompt repair of defects.
 - ii. The Permittee shall maintain an adequate supply of replacement filters on the premises of the source.

7.2.6 Emission Limitations

There are no specific emission limitations for this unit, however, there are source wide emission limitations in Condition 5.5 that include this unit.

7.2.7 Testing Requirements

None

7.2.8 Monitoring Requirements

None

7.2.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for the affected resin manufacturing equipment to demonstrate compliance with Conditions 5.5, 7.2.3, and 7.2.5, pursuant to Section 39.5(7)(b) of the Act:

- a. The name and identification number of each type of VOM and/or HAP containing material used in the affected resin manufacturing equipment.
- b. The usage of each type of VOM containing material used in the affected resin manufacturing equipment, gallons/month and gallons/yr.
- c. The wt.% VOM content of each type of VOM containing material used in the affected resin manufacturing equipment.
- d. The wt.% HAP content of each type of VOM containing material used in the affected resin manufacturing equipment.
- e. The density of each type of VOM containing material used in the affected resin manufacturing equipment, lbs/gallon.
- f. The vapor pressure of each type of VOM containing material used in the affected resin manufacturing equipment.
- g. The vapor molecular weight of each type of VOM containing material used in the affected resin manufacturing equipment, lb/lb-mol.
- h. The emissions of VOM per batch, the emissions of each single HAP per batch, and the emissions of all HAPs combined per batch from each type of resin produced in the affected resin manufacturing equipment as calculated by the procedure described in Condition 7.2.12(b), lbs/batch.
- i. The number of batches of each type of resin produced in the affected resin manufacturing equipment, batches/mo and batches/yr.
- j. Total VOM emissions from the affected resin manufacturing equipment as determined by the

procedures in Condition 7.2.12(b), tons/month and tons/year.

- k. Individual HAP emissions from the affected resin manufacturing equipment as determined by the procedures in Condition 7.2.12(b), tons/month and tons/year.
- l. Total combination of HAP emissions from the affected resin manufacturing equipment as determined by the procedures in Condition 7.2.12(b), tons/month and tons/year.
- m. Records addressing use of good operating practice for the associated baghouses required by Condition 7.2.5:

7.2.10 Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section, of deviations of the affected resin manufacturing equipment with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken:

- a. Emissions from or operation of the affected resin manufacturing equipment in excess of the limits specified in Conditions 7.2.3 and 7.2.5 within 30 days of such occurrence.

7.2.11 Operational Flexibility/Anticipated Operating Scenarios

The Permittee is authorized to make the following physical or operational change with respect to the affected resin manufacturing equipment without prior notification to the Illinois EPA or revision of this permit. This condition does not affect the Permittee's obligation to properly obtain a construction permit in a timely manner for any activity constituting construction or modification of the source, as defined in 35 IAC 201.102:

- a. Changes in the raw materials used and products produced provided the resin manufacturing equipment continues to comply with the Conditions of Section 7.2.
- b. Changes in equipment if they are done solely for the purposes of downsizing, general equipment maintenance, or improved process safety. These changes must not result in an increase in potential emissions of any regulated air pollutant.

7.2.12 Compliance Procedures

- a. Compliance with Condition 7.2.3(c) is considered to be assured by the normal work practices and maintenance activities inherent in operation of the affected resin manufacturing equipment.
- b. Compliance with the emission limits in Conditions 5.5 and 7.2.3(d) shall be based on the recordkeeping requirements in Condition 7.2.9 and the emission factors and formulas listed below:

For the purposes of these calculations, resins with similar ingredients and processing steps may be grouped together. For each grouping of resins, a per batch emission rate shall be calculated using the methods and practices presented in: Preferred and Alternative Methods for Estimating Air Emissions from Paint and Ink Manufacturing Facilities, Eastern Research Group, Inc., Prepared for the Point Source Committee, Emission Inventory Improvement Program, March 1998.

These methods and practices are based on engineering methods and fundamental vapor/liquid equilibrium relationships, including Raoult's law and Dalton's law, assuming ideal gas behavior, and accounting for batch recirculation.

7.3 Storage Tanks

7.3.1 Description

Various storage tanks used for on-site use. The storage tanks could be used for solvent storage, raw material storage, or product storage.

7.3.2 List of Emission Units and Air Pollution Control Equipment

Emission Unit	Description	Emission Control Equipment
127 Tanks	Storage Tanks	None

7.3.3 Applicability Provisions and Applicable Regulations

- a. The "affected storage tanks" for the purpose of these unit-specific conditions, are units described in Conditions 7.3.1 and 7.3.2.
- b. Each affected storage tank is subject to the emission limits identified in Condition 5.2.2.
- c.
 - i. No person shall cause or allow the loading of any organic material into any stationary tank having a storage capacity of greater than 946 l (250 gal), unless such tank is equipped with a permanent submerged loading pipe, submerged fill, or an equivalent device approved by the Illinois EPA according to the provisions of 35 IAC 201 or unless such tank is a pressure tank as described in 35 IAC 215.121(a) or is fitted with a recovery system as described in 35 IAC 215.121(b) (2) [35 IAC 215.122(b)].
 - ii. Exception: If no odor nuisance exists the limitations of Condition 7.3.3(c) shall only apply to the loading of volatile organic liquid with a vapor pressure of 17.24 kPa (2.5 psia) or greater at 294.3°K (70°F) [35 IAC 215.122(c)].

7.3.4 Non-Applicability of Regulations of Concern

- a. This permit is issued based on each affected storage tank not being subject to the New Source Performance Standards (NSPS) for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels), 40 CFR Part 60, Subpart Kb, because each affected storage tank is less than 40 cubic meters (10,566 gallons) or construction, reconstruction, or modification commenced before July 23, 1984.

- b. This permit is issued based on each affected storage tank not being subject to 35 IAC 215.121, because each affected storage tank is less than 40,000 gallons.
- c. This permit is issued based on each affected storage tank not being subject to 35 IAC 215.122(a), because each affected storage tank is less than 40,000 gallons.

7.3.5 Operational and Production Limits and Work Practices

- a. The affected storage tanks subject to the applicable provisions of Condition 7.3.3(c) (loading of volatile organic liquid with a vapor pressure of 17.24 kPa (2.5 psia) or greater at 294.3°K (70°F)) shall be equipped and operated with a submerged loading pipe, submerged fill, or an equivalent device approved by the Illinois EPA, pursuant to 35 IAC 215.122(b). (The Illinois EPA has not approved use of other equivalent equipment in lieu of a submerged loading pipe or submerged loading fill.)

7.3.6 Emission Limitations

There are no specific emission limitations for this unit, however, there are source wide emission limitations in Condition 5.5 that include this unit.

7.3.7 Testing Requirements

None

7.3.8 Monitoring Requirements

None

7.3.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for each affected storage tanks to demonstrate compliance with Conditions 5.5.1 and 7.3.5, pursuant to Section 39.5(7)(b) of the Act:

- a. Design information for the affected storage tanks showing the presence of permanent submerged loading pipe or the use of submerged loading fill when loading of volatile organic liquid with a vapor pressure of 17.24 kPa (2.5 psia) or greater at 294.3°K (70°F).

- b. Maintenance and repair records for the affected storage tanks, as related to the repair or replacement of the loading pipe.
- c. Identification and throughput of each material stored in the affected storage tanks, gal/month and gal/yr.
- d. The VOM emissions from the affected storage tanks based on the materials stored, the tank throughputs, and the applicable emission factors and formulas with supporting calculations, ton/month and ton/yr.

7.3.10 Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section, of deviations of an affected storage tank with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken:

- a. Any storage of VOL in the affected storage tanks that is not in compliance with the requirements of Conditions 7.3.3(c) within 30 days of becoming aware of the non-compliance status. This notification shall include a description of the event, the cause for the non-compliance, actions taken to correct the non-compliance, and the steps taken to avoid future non-compliance.

7.3.11 Operational Flexibility/Anticipated Operating Scenarios

The Permittee is authorized to make the following physical or operational change with respect to an affected storage tank without prior notification to the Illinois EPA or revision of this permit. This condition does not affect the Permittee's obligation to properly obtain a construction permit in a timely manner for any activity constituting construction or modification of the source, as defined in 35 IAC 201.102:

- a. Changes to components related to either the submerged loading pipe or submerged fill, including addition of new components and repair and replacement of components.
- b. Changes in the material stored in the affect storage tank, provided the affected storage tanks continue to comply with the Conditions of Section 7.3 of this permit.

7.3.12 Compliance Procedures

- a. Compliance with Conditions 7.3.3(c) is considered to be assured by the use of submerged loading pipe or submerged fill as required in Condition 7.3.5(a) and by the recordkeeping requirement of Condition 7.3.9(a).
- b. Compliance with the emission limits in Conditions 5.5 shall be based on the recordkeeping requirements in Condition 7.3.9 and the emission factors and formulas listed below:
 - i. For purposes of calculating VOM emissions, the current version of the USEPA's Tanks Program is acceptable.

7.4 Natural Gas Combustion Units

7.4.1 Description

The boilers are fuel combustion emission units used to provide process steam and process oil for facility use. The boilers are fired by natural gas.

7.4.2 List of Emission Units and Air Pollution Control Equipment

Emission Unit	Description	Emission Control Equipment
Boiler 1	Natural Gas Fired Boiler	None
Boiler 2	Natural Gas Fired Boiler	None
Boiler 3	Natural Gas Fired Boiler	None

7.4.3 Applicability Provisions and Applicable Regulations

- a. The "affected boilers" for the purpose of these unit-specific conditions, are the fuel combustion emission units as described in Conditions 7.4.1 and 7.4.2.
- b. The affected boilers are subject to the emission limits identified in Condition 5.2.2.
- c. The affected boiler (Boiler #1 - Hot Oil Heater - PO13) is subject to the NSPS for Small Industrial-Commercial Institutional Steam Generating Units, 40 CFR 60 Subparts A and Dc, because the construction, modification, or reconstruction is commenced after June 9, 1989 and has a maximum design heat input capacity of 29 megawatts (MW) (100 million Btu per hour (Btu/hr)) or less, but greater than or equal to 2.9 MW (10 million Btu/hr). The Illinois EPA administers the NSPS for subject sources in Illinois pursuant to a delegation agreement with the USEPA. The Permittee must comply with 40 CFR 60.48c(g), which is addressed in Condition 7.4.9(a). It should be noted that affected boiler (Boiler #1 - Hot Oil Heater - PO13) by definition is a Steam Generating Unit pursuant to 40 CFR 60.41c, Steam Generating Unit means a device that combusts any fuel and produces steam or heats water or any other heat transfer medium.
- d. No person shall cause or allow the emission of carbon monoxide into the atmosphere from any fuel combustion emission source with actual heat input greater than 10 mmBtu/hr to exceed 200 ppm, corrected to 50 percent excess air [35 IAC 216.121].

7.4.4 Non-Applicability of Regulations of Concern

- a. The provisions of 35 IAC 215.301 and 302, Use of Organic Material, shall not apply to fuel combustion emission sources [35 IAC 215.303].

7.4.5 Operational and Production Limits and Work Practices

- a. Natural gas shall be the only fuel fired in the affected boilers.

7.4.6 Emission Limitations

There are no specific emission limitations for these units, however, there are source wide emission limitations in Condition 5.5 that include these units.

7.4.7 Testing Requirements

None

7.4.8 Monitoring Requirements

None

7.4.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for the affected boilers to demonstrate compliance with Conditions 5.5.1 and 7.4.6, pursuant to Section 39.5(7)(b) of the Act:

- a. Natural gas usage from the affected boilers, mmmmscf/mo and mmmmscf/year.
- b. Emissions of NO_x, SO₂, PM, CO, and VOM from the affected boilers, ton/mo and ton/yr.

7.4.10 Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section, of deviations of the affected boilers with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken:

- a. Emissions from or operation of an affected boiler in excess of the limits specified in Conditions 7.4.3, 7.4.5, and 7.4.6 within 30 days of such occurrence.

7.4.11 Operational Flexibility/Anticipated Operating Scenarios

N/A

7.4.12 Compliance Procedures

- a. Compliance with Condition 7.4.3(d) is demonstrated by proper operating conditions of the affected boilers.
- b. Compliance with the emission limits in Conditions 5.5 and 7.4.6 shall be based on the recordkeeping requirements in Condition 7.4.9 and the emission factors and formulas listed below:
 - i. Emission factors for the affected boilers when fired by natural gas:

<u>Pollutant</u>	<u>Emission Factors</u> <u>(lb/mmscf)</u>
VOM	5.5
PM	7.6
SO ₂	0.6
NO _x	100
CO	84

The emission factors (lb/mmscf) are for Natural Gas-Fired Small Boilers (<100 mmBtu/hr Heat Input) from AP-42 Section 1.4 (dated 7/98).

- ii. Emission formula for the affected boilers when fired by natural gas:

(Boiler Emissions, lb) = (The Appropriate
Emission Factor, lb/mmscf) x (Boiler
Natural Gas Usage, mmscf)

8.0 GENERAL PERMIT CONDITIONS

8.1 Permit Shield

Pursuant to Section 39.5(7)(j) of the Act, the Permittee has requested and has been granted a permit shield. This permit shield provides that compliance with the conditions of this permit shall be deemed compliance with applicable requirements which were applicable as of the date the proposed permit for this source was issued, provided that either the applicable requirements are specifically identified within this permit, or the Illinois EPA, in acting on this permit application, has determined that other requirements specifically identified are not applicable to this source and this determination (or a concise summary thereof) is included in this permit.

This permit shield does not extend to applicable requirements which are promulgated after April 30, 2002 (the date of issuance of the draft permit) unless this permit has been modified to reflect such new requirements.

8.2 Applicability of Title IV Requirements (Acid Deposition Control)

This source is not an affected source under Title IV of the CAA and is not subject to requirements pursuant to Title IV of the CAA.

8.3 Emissions Trading Programs

No permit revision shall be required for increases in emissions allowed under any USEPA approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for elsewhere in this permit and that are authorized by the applicable requirement [Section 39.5(7)(o)(vii) of the Act].

As of the date of issuance of this permit, there are no such economic incentive, marketable permit or emission trading programs that have been approved by USEPA.

8.4 Operational Flexibility/Anticipated Operating Scenarios

8.4.1 Changes Specifically Addressed by Permit

Physical or operational changes specifically addressed by the Conditions of this permit that have been identified as not requiring Illinois EPA notification may be implemented without prior notice to the Illinois EPA.

8.4.2 Changes Requiring Prior Notification

The Permittee is authorized to make physical or operational changes that contravene express permit terms without applying for or obtaining an amendment to this

permit, provided that [Section 39.5(12)(a)(i) of the Act]:

- a. The changes do not violate applicable requirements;
- b. The changes do not contravene federally enforceable permit terms or conditions that are monitoring (including test methods), recordkeeping, reporting, or compliance certification requirements;
- c. The changes do not constitute a modification under Title I of the CAA;
- d. Emissions will not exceed the emissions allowed under this permit following implementation of the physical or operational change; and
- e. The Permittee provides written notice to the Illinois EPA, Division of Air Pollution Control, Permit Section, at least 7 days before commencement of the change. This notice shall:
 - i. Describe the physical or operational change;
 - ii. Identify the schedule for implementing the physical or operational change;
 - iii. Provide a statement of whether or not any New Source Performance Standard (NSPS) is applicable to the physical or operational change and the reason why the NSPS does or does not apply;
 - iv. Provide emission calculations which demonstrate that the physical or operational change will not result in a modification; and
 - v. Provide a certification that the physical or operational change will not result in emissions greater than authorized under the Conditions of this permit.

8.5 Testing Procedures

Tests conducted to measure composition of materials, efficiency of pollution control devices, emissions from process or control equipment, or other parameters shall be conducted using standard test methods. Documentation of the test date, conditions, methodologies, calculations, and test results shall be retained pursuant to the recordkeeping procedures of this permit. Reports of any tests conducted as required by this permit or as the result of a request by the Illinois EPA shall be submitted as specified in Condition 8.6.

8.6 Reporting Requirements

8.6.1 Monitoring Reports

If monitoring is required by any applicable requirements or conditions of this permit, a report summarizing the required monitoring results, as specified in the conditions of this permit, shall be submitted to the Air Compliance Section of the Illinois EPA every six months as follows [Section 39.5(7)(f) of the Act]:

<u>Monitoring Period</u>	<u>Report Due Date</u>
January - June	September 1
July - December	March 1

All instances of deviations from permit requirements must be clearly identified in such reports. All such reports shall be certified in accordance with Condition 9.9.

8.6.2 Test Notifications

Unless otherwise specified elsewhere in this permit, a written test plan for any test required by this permit shall be submitted to the Illinois EPA for review at least 60 days prior to the testing pursuant to Section 39.5(7)(a) of the Act. The notification shall include at a minimum:

- a. The name and identification of the affected unit(s);
- b. The person(s) who will be performing sampling and analysis and their experience with similar tests;
- c. The specific conditions under which testing will be performed, including a discussion of why these conditions will be representative of maximum emissions and the means by which the operating parameters for the source and any control equipment will be determined;
- d. The specific determination of emissions and operation which are intended to be made, including sampling and monitoring locations;
- e. The test method(s) which will be used, with the specific analysis method, if the method can be used with different analysis methods;
- f. Any minor changes in standard methodology proposed to accommodate the specific circumstances of testing, with justification; and

- g. Any proposed use of an alternative test method, with detailed justification.

8.6.3 Test Reports

Unless otherwise specified elsewhere in this permit, the results of any test required by this permit shall be submitted to the Illinois EPA within 60 days of completion of the testing. The test report shall include at a minimum [Section 39.5(7)(e)(i) of the Act]:

- a. The name and identification of the affected unit(s);
- b. The date and time of the sampling or measurements;
- c. The date any analyses were performed;
- d. The name of the company that performed the tests and/or analyses;
- e. The test and analytical methodologies used;
- f. The results of the tests including raw data, and/or analyses including sample calculations;
- g. The operating conditions at the time of the sampling or measurements; and
- h. The name of any relevant observers present including the testing company's representatives, any Illinois EPA or USEPA representatives, and the representatives of the source.

8.6.4 Reporting Addresses

- a. The following addresses should be utilized for the submittal of reports, notifications, and renewals:
 - i. Illinois EPA - Air Compliance Section

Illinois Environmental Protection Agency
Bureau of Air
Compliance Section (MC 40)
P.O. Box 19276
Springfield, Illinois 62794-9276
 - ii. Illinois EPA - Air Regional Field Office

Illinois Environmental Protection Agency
Division of Air Pollution Control
9511 West Harrison
Des Plaines, Illinois 60016

iii. Illinois EPA - Air Permit Section (MC 11)

Illinois Environmental Protection Agency
Division of Air Pollution Control
Permit Section
P.O. Box 19506
Springfield, Illinois 62794-9506

iv. USEPA Region 5 - Air Branch

USEPA (AE - 17J)
Air & Radiation Division
77 West Jackson Boulevard
Chicago, Illinois 60604

- b. Unless otherwise specified in the particular provision of this permit, reports shall be sent to the Illinois EPA - Air Compliance Section with a copy sent to the Illinois EPA - Air Regional Field Office.

8.7 Obligation to Comply with Title I Requirements

Any term, condition, or requirement identified in this permit by T1, T1R, or T1N is established or revised pursuant to 35 IAC Part 203 or 40 CFR 52.21 ("Title I provisions") and incorporated into this permit pursuant to both Section 39.5 and Title I provisions. Notwithstanding the expiration date on the first page of this permit, the Title I conditions remain in effect pursuant to Title I provisions until the Illinois EPA deletes or revises them in accordance with Title I procedures.

9.0 STANDARD PERMIT CONDITIONS

9.1 Effect of Permit

9.1.1 The issuance of this permit does not release the Permittee from compliance with State and Federal regulations which are part of the Illinois State Implementation Plan, as well as with other applicable statutes and regulations of the United States or the State of Illinois or applicable ordinances, except as specifically stated in this permit and as allowed by law and rule [Section 39.5(7)(j)(iv) of the Act].

9.1.2 In particular, this permit does not alter or affect the following:

- a. The provisions of Section 303 (emergency powers) of the CAA, including USEPA's authority under that Section;
- b. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
- c. The applicable requirements of the acid rain program consistent with Section 408(a) of the CAA; and
- d. The ability of USEPA to obtain information from a source pursuant to Section 114 (inspections, monitoring, and entry) of the CAA.

9.1.3 Notwithstanding the conditions of this permit specifying compliance practices for applicable requirements, any person (including the Permittee) may also use other credible evidence to establish compliance or noncompliance with applicable requirements.

9.2 General Obligations of Permittee

9.2.1 Duty to Comply

The Permittee must comply with all terms and conditions of this permit. Any permit noncompliance constitutes a violation of the CAA and the Act, and is grounds for any or all of the following: enforcement action, permit termination, revocation and reissuance, modification, or denial of a permit renewal application [Section 39.5(7)(o)(i) of the Act].

The Permittee shall meet applicable requirements that become effective during the permit term in a timely manner unless an alternate schedule for compliance with the applicable requirement is established.

9.2.2 Duty to Maintain Equipment

The Permittee shall maintain all equipment covered under this permit in such a manner that the performance or operation of such equipment shall not cause a violation of applicable requirements.

9.2.3 Duty to Cease Operation

No person shall cause, threaten or allow the continued operation of any emission unit during malfunction or breakdown of the emission unit or related air pollution control equipment if such operation would cause a violation of an applicable emission standard, regulatory requirement, ambient air quality standard or permit limitation unless such malfunction or breakdown is allowed by a permit condition [Section 39.5(6)(c) of the Act].

9.2.4 Disposal Operations

The source shall be operated in such a manner that the disposal of air contaminants collected by the equipment operations, or activities shall not cause a violation of the Act or regulations promulgated thereunder.

9.2.5 Duty to Pay Fees

The Permittee must pay fees to the Illinois EPA consistent with the fee schedule approved pursuant to Section 39.5(18) of the Act, and submit any information relevant thereto [Section 39.5(7)(o)(vi) of the Act]. The check should be payable to "Treasurer, State of Illinois" and sent to: Fiscal Services Section, Illinois Environmental Protection Agency, P.O. Box 19276, Springfield, Illinois 62794-9276.

9.3 Obligation to Allow Illinois EPA Surveillance

Upon presentation of proper credentials and other documents, the Permittee shall allow the Illinois EPA, or an authorized representative to perform the following [Section 39.5(7)(a) and (p)(ii) of the Act and 415 ILCS 5/4]:

- a. Enter upon the Permittee's premises where an actual or potential emission unit is located; where any regulated equipment, operation, or activity is located or where records must be kept under the conditions of this permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- c. Inspect during hours of operation any sources, equipment (including monitoring and air pollution control

equipment), practices, or operations regulated or required under this permit;

- d. Sample or monitor any substances or parameters at any location:
 - i. At reasonable times, for the purposes of assuring permit compliance; or
 - ii. As otherwise authorized by the CAA, or the Act.
- e. Obtain and remove samples of any discharge or emission of pollutants authorized by this permit; and
- f. Enter and utilize any photographic, recording, testing, monitoring, or other equipment for the purposes of preserving, testing, monitoring, or recording any activity, discharge or emission at the source authorized by this permit.

9.4 Obligation to Comply With Other Requirements

The issuance of this permit does not release the Permittee from applicable State and Federal laws and regulations, and applicable local ordinances addressing subjects other than air pollution control.

9.5 Liability

9.5.1 Title

This permit shall not be considered as in any manner affecting the title of the premises upon which the permitted source is located.

9.5.2 Liability of Permittee

This permit does not release the Permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the sources.

9.5.3 Structural Stability

This permit does not take into consideration or attest to the structural stability of any unit or part of the source.

9.5.4 Illinois EPA Liability

This permit in no manner implies or suggests that the Illinois EPA (or its officers, agents or employees) assumes any liability, directly or indirectly, for any

loss due to damage, installation, maintenance, or operation of the source.

9.5.5 Property Rights

This permit does not convey any property rights of any sort, or any exclusive privilege [Section 39.5(7)(o)(iv) of the Act].

9.6 Recordkeeping

9.6.1 Control Equipment Maintenance Records

A maintenance record shall be kept on the premises for each item of air pollution control equipment. As a minimum, this record shall show the dates of performance and nature of preventative maintenance activities.

9.6.2 Records of Changes in Operation

A record shall be kept describing changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under this permit, and the emissions resulting from those changes [Section 39.5(12)(b)(iv) of the Act].

9.6.3 Retention of Records

- a. Records of all monitoring data and support information shall be retained for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit [Section 39.5(7)(e)(ii) of the Act].
- b. Other records required by this permit shall be retained for a period of at least 5 years from the date of entry unless a longer period is specified by a particular permit provision.

9.7 Annual Emissions Report

The Permittee shall submit an annual emissions report to the Illinois EPA, Compliance Section no later than May 1 of the following year, as required by 35 IAC Part 254.

9.8 Requirements for Compliance Certification

Pursuant to Section 39.5(7)(p)(v) of the Act, the Permittee shall submit annual compliance certifications. The compliance

certifications shall be submitted no later than May 1 or more frequently as specified in the applicable requirements or by permit condition. The compliance certifications shall be submitted to the Air Compliance Section, Air Regional Field Office, and USEPA Region 5 - Air Branch. The addresses for the submittal of the compliance certifications are provided in Condition 8.6.4 of this permit.

- a. The certification shall include the identification of each term or condition of this permit that is the basis of the certification; the compliance status; whether compliance was continuous or intermittent; the method(s) used for determining the compliance status of the source, both currently and over the reporting period consistent with the conditions of this permit.
- b. All compliance certifications shall be submitted to USEPA Region 5 in Chicago as well as to the Illinois EPA.
- c. All compliance reports required to be submitted shall include a certification in accordance with Condition 9.9.

9.9 Certification

Any document (including reports) required to be submitted by this permit shall contain a certification by a responsible official of the Permittee that meets the requirements of Section 39.5(5) of the Act [Section 39.5(7)(p)(i) of the Act]. An example Certification by a Responsible Official is included as an attachment to this permit.

9.10 Defense to Enforcement Actions

9.10.1 Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit [Section 39.5(7)(o)(ii) of the Act].

9.10.2 Emergency Provision

- a. An emergency shall be an affirmative defense to an action brought for noncompliance with the technology-based emission limitations under this permit if the following conditions are met through properly signed, contemporaneous operating logs, or other relevant evidence:
 - i. An emergency occurred as provided in Section 39.5(7)(k) of the Act and the Permittee can identify the cause(s) of the emergency.

Normally, an act of God such as lightning or flood is considered an emergency;

- ii. The permitted source was at the time being properly operated;
 - iii. The Permittee submitted notice of the emergency to the Illinois EPA within two working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a detailed description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and
 - iv. During the period of the emergency the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission limitations, standards, or regulations in this permit.
- b. This provision is in addition to any emergency or upset provision contained in any applicable requirement. This provision does not relieve a Permittee of any reporting obligations under existing federal or state laws or regulations.

9.11 Permanent Shutdown

This permit only covers emission units and control equipment while physically present at the indicated source location(s). Unless this permit specifically provides for equipment relocation, this permit is void for the operation or activity of any item of equipment on the date it is removed from the permitted location(s) or permanently shut down. This permit expires if all equipment is removed from the permitted location(s), notwithstanding the expiration date specified on this permit.

9.12 Reopening and Reissuing Permit for Cause

9.12.1 Permit Actions

This permit may be modified, reopened, and reissued, for cause pursuant to Section 39.5(15) of the Act. The filing of a request by the Permittee for a permit modification, revocation, and reissuance, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition [Section 39.5(7)(o)(iii) of the Act].

9.12.2 Reopening and Revision

This permit must be reopened and revised if any of the following occur [Section 39.5(15) (a) of the Act]:

- a. Additional requirements become applicable to the equipment covered by this permit and three or more years remain before expiration of this permit;
- b. Additional requirements become applicable to an affected source for acid deposition under the acid rain program;
- c. The Illinois EPA or USEPA determines that this permit contains a material mistake or inaccurate statement when establishing the emission standards or limitations, or other terms or conditions of this permit; and
- d. The Illinois EPA or USEPA determines that this permit must be revised to ensure compliance with the applicable requirements of the Act.

9.12.3 Inaccurate Application

The Illinois EPA has issued this permit based upon the information submitted by the Permittee in the permit application. Any misinformation, false statement or misrepresentation in the application shall be grounds for revocation under Section 39.5(15) (b) of the Act.

9.12.4 Duty to Provide Information

The Permittee shall furnish to the Illinois EPA, within a reasonable time specified by the Illinois EPA any information that the Illinois EPA may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. Upon request, the Permittee shall also furnish to the Illinois EPA copies of records required to be kept by this permit, or for information claimed to be confidential, the Permittee may furnish such records directly to USEPA along with a claim of confidentiality [Section 39.5(7) (o) (v) of the Act].

9.13 Severability Clause

The provisions of this permit are severable, and should any one or more be determined to be illegal or unenforceable, the validity of the other provisions shall not be affected. The rights and obligations of the Permittee shall be construed and enforced as if this permit did not contain the particular provisions held to be invalid and the applicable requirements

underlying these provisions shall remain in force [Section 39.5(7)(i) of the Act].

9.14 Permit Expiration and Renewal

The right to operate terminates on the expiration date unless the Permittee has submitted a timely and complete renewal application. For a renewal to be timely it must be submitted no later than 9 and no sooner than 12 months prior to expiration. The equipment may continue to operate during the renewal period until final action is taken by the Illinois EPA, in accordance with the original permit conditions [Section 39.5(5)(1), (n), and (o) of the Act].

10.0 ATTACHMENTS

10.1 Attachment 1 Emissions of Particulate Matter from New Process Emission Units

10.1.1 Process Emission Units for Which Construction or Modification Commenced On or After April 14, 1972

- a. No person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any new process emission unit, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates specified in subsection (c) of 35 IAC 212.321 [35 IAC 212.321(a)].
- b. Interpolated and extrapolated values of the data in subsection (c) of 35 IAC 212.321 shall be determined by using the equation [35 IAC 212.321(b)]:

$$E = A(P)^B$$

where:

P = Process weight rate; and
E = Allowable emission rate; and,

- i. Up to process weight rates of 408 Mg/hr (450 T/hr):

	Metric	English
P	Mg/hr	T/hr
E	kg/hr	lb/hr
A	1.214	2.54
B	0.534	0.534

- ii. For process weight rate greater than or equal to 408 Mg/hr (450 T/hr):

	Metric	English
P	Mg/hr	T/hr
E	kg/hr	lb/hr
A	11.42	24.8
B	0.16	0.16

- c. Limits for Process Emission Units For Which Construction or Modification Commenced On or After April 19, 1972 [35 IAC 212.321(c)]:

Metric		English	
P	E	P	E
Mg/hr	kg/hr	T/hr	lb/hr
0.05	0.25	0.05	0.55
0.1	0.29	0.10	0.77
0.2	0.42	0.2	1.10
0.3	0.64	0.30	1.35
0.4	0.74	0.40	1.58
0.5	0.84	0.50	1.75
0.7	1.00	0.75	2.40
0.9	1.15	1.00	2.60
1.8	1.66	2.00	3.70
2.7	2.1	3.00	4.60
3.6	2.4	4.00	5.35
4.5	2.7	5.00	6.00
9.0	3.9	10.00	8.70
13.0	4.8	15.00	10.80
18.0	5.7	20.00	12.50
23.0	6.5	25.00	14.00
27.0	7.1	30.00	15.60
32.0	7.7	35.00	17.00
36.0	8.2	40.00	18.20
41.0	8.8	45.00	19.20
45.0	9.3	50.00	20.50
90.0	13.4	100.00	29.50
140.0	17.0	150.00	37.00
180.0	19.4	200.00	43.00
230.0	22.0	250.00	48.50
270.0	24.0	300.00	53.00
320.0	26.0	350.00	58.00
360.0	28.0	400.00	62.00
408.0	30.1	450.00	66.00
454.0	30.4	500.00	67.00

10.2 Attachment 2 Emissions of Particulate Matter from Existing Process
Emission Units

10.2.1 Process Emission Units for Which Construction or
Modification Commenced Prior to After April 14, 1972

- a. No person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any process emission unit for which construction or modification commenced prior to April 14, 1972, which, either alone or in combination with the emission of particulate matter from all other similar process emission at a source or premises, exceeds the allowable emission rates specified in subsection (c) of 35 IAC 212.322 [35 IAC 212.322(a)].
- b. Interpolated and extrapolated values of the data in subsection (c) of 35 IAC 212.321 shall be determined by using the equation [35 IAC 212.322(b)]:

$$E = C + A(P)^B$$

where:

P = Process weight rate; and
E = Allowable emission rate; and,

- i. Up to process weight rates up to 27.2 Mg/hr (30 T/hr):

	Metric	English
P	Mg/hr	T/hr
E	kg/hr	lb/hr
A	1.985	4.10
B	0.67	0.67
C	0	0

- ii. For process weight rate in excess of 27.2 Mg/hr (30 T/hr):

	Metric	English
P	Mg/hr	T/hr
E	kg/hr	lb/hr
A	25.21	55.0
B	0.11	0.11
C	-18.4	-40.0

- c. Limits for Process Emission Units For Which Construction or Modification Commenced Prior to April 14, 1972 [35 IAC 212.322(c)]:

Metric		English	
P	E	P	E
Mg/hr	kg/hr	T/hr	lb/hr
0.05	0.27	0.05	0.55
0.1	0.42	0.10	0.87
0.2	0.68	0.2	1.40
0.3	0.89	0.30	1.83
0.4	1.07	0.40	2.22
0.5	1.25	0.50	2.58
0.7	1.56	0.75	3.38
0.9	1.85	1.00	4.10
1.8	2.9	2.00	6.52
2.7	3.9	3.00	8.56
3.6	4.7	4.00	10.40
4.5	5.4	5.00	12.00
9.0	8.7	10.00	19.20
13.0	11.1	15.00	25.20
18.0	13.8	20.00	30.50
23.0	16.2	25.00	35.40
27.2	18.15	30.00	40.00
32.0	18.8	35.00	41.30
36.0	19.3	40.00	42.50
41.0	19.8	45.00	43.60
45.0	20.2	50.00	44.60
90.0	23.2	100.00	51.20
140.0	25.3	150.00	55.40
180.0	26.5	200.00	58.60
230.0	27.7	250.00	61.00
270.0	28.5	300.00	63.10
320.0	29.4	350.00	64.90
360.0	30.0	400.00	66.20
400.0	30.6	450.00	67.70
454.0	31.3	500.00	69.00

10.3 Attachment 3 Example Certification by a Responsible Official

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: _____

Name: _____

Official Title: _____

Telephone No.: _____

Date Signed: _____

10.4 Attachment 4 Guidance on Revising This Permit

The Permittee must submit an application to the Illinois EPA using the appropriate revision classification in accordance with Sections 39.5(13) and (14) of the Act and 35 IAC 270.302. Specifically, there are currently three classifications for revisions to a CAAPP permit. These are:

1. Administrative Permit Amendment;
2. Minor Permit Modification; and
3. Significant Permit Modification.

The Permittee must determine, request, and submit the necessary information to allow the Illinois EPA to use the appropriate procedure to revise the CAAPP permit. A brief explanation of each of these classifications follows.

1. Administrative Permit Amendment
 - Corrects typographical errors;
 - Identifies a change in the name, address, or phone number of any person identified in the permit, or provides a similar minor administrative change at the source;
 - Requires more frequent monitoring or reporting by the Permittee;
 - Allows for a change in ownership or operational control of the source where no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new Permittees has been submitted to the Illinois EPA. This shall be handled by completing form 272-CAAPP, REQUEST FOR OWNERSHIP CHANGE FOR CAAPP PERMIT; or
 - Incorporates into the CAAPP permit a construction permit, provided the conditions of the construction permit meet the requirements for the issuance of CAAPP permits.
2. Minor Permit Modification
 - Do not violate any applicable requirement;
 - Do not involve significant changes to existing monitoring, reporting, or recordkeeping requirements in the permit;

- Do not require a case-by-case determination of an emission limitation or other standard, or a source-specific determination of ambient impacts, or a visibility or increment analysis;
- Do not seek to establish or change a permit term or condition for which there is no corresponding underlying requirement and which avoids an applicable requirement to which the source would otherwise be subject. Such terms and conditions include:
 - A federally enforceable emissions cap assumed to avoid classification as a modification under any provision of Title I of the CAA; and
 - An alternative emissions limit approved pursuant to regulations promulgated under Section 112(i)(5) of the CAA.
- Are not modifications under any provision of Title I of the CAA;
- Are not required to be processed as a significant permit modification; and
- Modifications involving the use of economic incentives, marketable permits, emissions trading, and other similar approaches.

An application for a minor permit modification shall include the following:

- A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
- The source's suggested draft permit/conditions;
- Certification by a responsible official that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used; and
- Information as contained on form 271-CAAPP, MINOR PERMIT MODIFICATION FOR CAAPP PERMIT for the Illinois EPA to use to notify USEPA and affected States.

3. Significant Permit Modification

- Applications that do not qualify as either minor permit modifications or as administrative permit amendments;
- Applications requesting a significant change in existing monitoring permit terms or conditions;
- Applications requesting a relaxation of reporting or recordkeeping requirements; and
- Cases in which, in the judgment of the Illinois EPA, action on an application for modification would require decisions to be made on technically complex issues.

An application for a significant permit modification shall include the following:

- A detailed description of the proposed change(s), including all physical changes to equipment, changes in the method of operation, changes in emissions of each pollutant, and any new applicable requirements which will apply as a result of the proposed change. Note that the Permittee need only submit revised forms for equipment and operations that will be modified.

The Illinois EPA requires the information on the following appropriate forms to be submitted in accordance with the proper classification:

- Form 273-CAAPP, REQUEST FOR ADMINISTRATIVE PERMIT AMENDMENT FOR CAAPP PERMIT; or
- Form 271-CAAPP, MINOR PERMIT MODIFICATION FOR CAAPP PERMIT; or
- Form 200-CAAPP, APPLICATION FOR CAAPP PERMIT (for significant modification).

Application forms can be obtained from the Illinois EPA website at <http://www.epa.state.il.us/air/forms>.

Note that the request to revise the permit must be certified for truth, accuracy, and completeness by a responsible official.

Note that failure to submit the required information may require the Illinois EPA to deny the application. The Illinois EPA reserves the right to require that additional information be submitted as needed to evaluate or take final action on applications pursuant to Section 39.5(5)(g) of the Act and 35 IAC 270.305.



Illinois Environmental Protection Agency
Division Of Air Pollution Control -- Permit Section
P.O. Box 19506
Springfield, Illinois 62794-9506

Application For Construction Permit (For CAAPP Sources Only)	For Illinois EPA use only
	ID number:
	Permit number:
	Date received:

This form is to be used by CAAPP sources to supply information necessary to obtain a construction permit. Please attach other necessary information and completed CAAPP forms regarding this construction/modification project.

Source Information		
1. Source name:		
2. Source street address:		
3. City:	4. Zip code:	
5. Is the source located within city limits? <input type="checkbox"/> Yes <input type="checkbox"/> No		
6. Township name:	7. County:	8. ID number:

Owner Information		
9. Name:		
10. Address:		
11. City:	12. State:	13. Zip code:

Operator Information (if different from owner)		
14. Name		
15. Address:		
16. City:	17. State:	18. Zip code:

Applicant Information	
19. Who is the applicant? <input type="checkbox"/> Owner <input type="checkbox"/> Operator	20. All correspondence to: (check one) <input type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Source
21. Attention name and/or title for written correspondence:	
22. Technical contact person for application:	23. Contact person's telephone number:

This Agency is authorized to require and you must disclose this information under 415 ILCS 5/39. Failure to do so could result in the application being denied and penalties under 415 ILCS 5 et seq. It is not necessary to use this form in providing this information. This form has been approved by the forms management center.

Summary Of Application Contents	
24.	Does the application address whether the proposed project would constitute a new major source or major modification under each of the following programs: a) Non-attainment New Source Review – 35 IAC Part 203; b) Prevention of Significant Deterioration (PSD) – 40 CFR 52.21; c) Hazardous Air Pollutants: Regulations Governing Constructed or Reconstructed Major Sources – 40 CFR Part 63?
	<input type="checkbox"/> Yes <input type="checkbox"/> No
25.	Does the application identify and address all applicable emissions standards, including those found in the following: a) Board Emission Standards – 35 IAC Chapter I, Subtitle B; b) Federal New Source Performance Standards – 40 CFR Part 60; c) Federal Standards for Hazardous Air Pollutants – 40 CFR Parts 61 and 63?
	<input type="checkbox"/> Yes <input type="checkbox"/> No
26.	Does the application include a process flow diagram(s) showing all emission units and control equipment, and their relationship, for which a permit is being sought?
	<input type="checkbox"/> Yes <input type="checkbox"/> No
27.	Does the application include a complete process description for the emission units and control equipment for which a permit is being sought?
	<input type="checkbox"/> Yes <input type="checkbox"/> No
28.	Does the application include the information as contained in completed CAAPP forms for all appropriate emission units and air pollution control equipment, listing all applicable requirements and proposed exemptions from otherwise applicable requirements, and identifying and describing any outstanding legal actions by either the USEPA or the Illinois EPA? Note: The use of "APC" application forms is not appropriate for applications for CAAPP sources. CAAPP forms should be used to supply information.
	<input type="checkbox"/> Yes <input type="checkbox"/> No
29.	If the application contains TRADE SECRET information, has such information been properly marked and claimed, and have two separate copies of the application suitable for public inspection and notice been submitted, in accordance with applicable rules and regulations?
	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable, No TRADE SECRET information in this application

Note 1: Answering "No" to any of the above may result in the application being deemed incomplete.

Signature Block	
This certification must be signed by a responsible official. Applications without a signed certification will be returned as incomplete.	
30. I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this application are true, accurate and complete. Authorized Signature:	
BY:	
_____	_____
AUTHORIZED SIGNATURE	TITLE OF SIGNATORY
_____	_____/_____/_____
TYPED OR PRINTED NAME OF SIGNATORY	DATE

Note 2: An operating permit for the construction/modification permitted in a construction permit must be obtained by applying for the appropriate revision to the source's CAAPP permit, if necessary.

10.6 Attachment 6 Guidance on Renewing This Permit

Timeliness - Pursuant to Section 39.5(5)(n) of the Act and 35 IAC 270.301(d), a source must submit to the Illinois EPA a complete CAAPP application for the renewal of a CAAPP permit not later than 9 months before the date of permit expiration of the existing CAAPP permit in order for the submittal to be deemed timely. Note that the Illinois EPA typically sends out renewal notices approximately 18 months prior to the expiration of the CAAPP permit.

The CAAPP application must provide all of the following information in order for the renewal CAAPP application to be deemed complete by the Illinois EPA:

1. A completed form 200-CAAPP, APPLICATION FOR CAAPP PERMIT.
2. A completed compliance certification for the source. For this purpose, the Illinois EPA will accept a copy of the most recent form 401-CAAPP, ANNUAL COMPLIANCE CERTIFICATION submitted to the Illinois EPA.
3. If this is the first time this permit is being renewed and this source has not yet addressed CAM, the application should contain the information on form 464-CAAPP, COMPLIANCE ASSURANCE MONITORING (CAM) PLAN.
4. Information addressing any outstanding transfer agreement pursuant to the ERMS.
5.
 - a. If operations of an emission unit or group of emission units remain unchanged and are accurately depicted in previous submittals, the application may contain a letter signed by a responsible official that requests incorporation by reference of existing information previously submitted and on file with the Illinois EPA. The boxes should be marked yes on form 200-CAAPP, APPLICATION FOR CAAPP PERMIT, as existing information is being incorporated by reference.
 - b. If portions of current operations are not as described in previous submittals, then in addition to the information above for operations that remain unchanged, the application must contain the necessary information on all changes, e.g., discussion of changes, new or revised CAAPP forms, and a revised fee form 292-CAAPP, FEE DETERMINATION FOR CAAPP PERMIT, if necessary.

The Illinois EPA will review all applications for completeness and timeliness. If the renewal application is deemed both timely and complete, the source shall continue to operate in accordance with the terms and conditions of its CAAPP permit until final action is taken on the renewal application.

Notwithstanding the completeness determination, the Illinois EPA may request additional information necessary to evaluate or take final action on the CAAPP renewal application. If such additional information affects your allowable emission limits, a revised form 292-CAAPP, FEE DETERMINATION FOR CAAPP PERMIT must be submitted with the requested information. The failure to submit to the Illinois EPA the requested information within the time frame specified by the Illinois EPA, may force the Illinois EPA to deny your CAAPP renewal application pursuant to Section 39.5 of the Act.

Application forms may be obtained from the Illinois EPA website at <http://www.epa.state.il.us/air/forms.html>.

If you have any questions regarding this matter, please contact a permit analyst at 217/782-2113.

Mail renewal applications to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Permit Section (MC 11)
P.O. Box 19506
Springfield, Illinois 62794-9506

JMY:psj